

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended): Dispensing device for dispensing or discharging a liquid or viscous substance (2), preferably foodstuff, wherein:

wherein at least one pump means (4) is provided to perform pump motions for sucking said substance (2) into the dispensing device (1) and dispense or discharge it therefrom,

~~characterized in~~

that the pump means (4) is provided to divide inner parts of the dispensing device (1) into at least one suction chamber (30) and at least one dispensing or discharge chamber (31) which are interconnected through at least one transfer chamber (32),

that the pump means (4), during a first pump motion in one direction (A), is provided to suck substance (2) into the suction chamber (30) and simultaneously dispense or discharge substance (2) from the discharge chamber (31), and

that the pump means (4), during a second pump motion in the opposite direction (D) relative to the first pump motion, is provided to feed substance (2) from the suction chamber (30) and through the transfer chamber (32) into the discharge chamber (31).

Claim 2 (Currently Amended): Dispensing device according to claim 1,
~~characterized in wherein:~~

that at least one first non-return valve (20) is provided to open a substance inlet opening (23) through which substance (2) can be sucked into the suction chamber (30), but close said inlet opening (23) when substance (2) pass through the transfer chamber (32) into the discharge chamber (31), and

that at least one second non-return valve (24) is provided to open at least one substance transfer opening (11) through which substance (2) can be sucked into the discharge chamber (31) , but close said transfer opening (11) when substance (2) is discharged from the discharge chamber (31).

Claim 3 (Currently Amended): Dispensing device according to ~~claim 1 or 2,~~
~~characterized in that claim 1, wherein~~ the pump means (4) comprises an elastic dome shaped member (16) which is provided to be brought to perform a pump motion in one direction (A) by being pressed or pushed inwards, and which, when the pressure ceases, performs a pump motion in an opposite direction (D) while said member (16) automatically returns to its original dome shape.

Claim 4 (Currently Amended): Dispensing device according to claim 3,
~~characterized in that wherein~~ the dome shaped member (16) has an elastic tongue which defines a valve body (21) for the first non-return valve (20) and at least one other elastic tongue which defines a valve body (25) for the second non- return valve (24).

Claim 5 (Currently Amended): Dispensing device according to claim 4,
~~characterized in that wherein~~ the dome shaped member (16) and the valve bodies (21, 25) of the first and second non-return valves (20, 24) are made in one piece of elastic material.

Claim 6 (Currently Amended): Dispensing device according to ~~claim 4 or 5,~~
~~characterized in claim 4, wherein:~~

that the dome shaped member (16) is, at peripheral parts thereof, provided with a flange (17) which is radially directed relative to said dome shaped member,

that the valve body (21) of the first non-return valve (20) is located at peripheral parts of said flange (17) and is directed axially therefrom relative to the dome shaped member (16) such that said valve body (21) can cooperate with a valve seat (22) at a substance inlet opening (23) for letting substance (2) into the suction chamber (30),

that the valve body (25) of the second non-return valve (24) is located at the same peripheral parts of the dome shaped member (16) as the flange (17), and

that the valve body (25) of the second non-return valve (24) is axially directed relative to the dome shaped member (16) such that it will be situated within and can cooperate with at least one valve seat (26) at at least one substance transfer opening (11) and defined by an upwardly directed wall (10) of the dispensing device (1).

Claim 7 (Currently Amended): Dispensing device according to claim 6,
~~characterized in wherein:~~

that the flange (17) of the dome shaped member (16) extends in between a lower and an upper member (7, 8) of the discharge housing (3),
that parts of the flange (17) situated in the transfer chamber (32) has at least one hole (17a) permitting substance (2) to flow through said transfer chamber (32) from the suction chamber (30) into the discharge chamber (31), and
that the dome shaped member (16) can be pressed downwards from an upper position in an upper member (8) of the dispensing device (1) to a lower position in a lower member (7) of said dispensing device (1) for sucking substance (2) into the suction chamber (30) and discharge or outfeed of substance (2) from the discharge chamber (31).

Claim 8 (Currently Amended): Dispensing device according to ~~any~~
~~preceding claim, characterized in claim 1, wherein:~~

that the pump means (4) is provided in a dispensing or discharge housing (3) which defines the suction chamber (30), the transfer chamber (32) and the discharge chamber (31) and which comprises a lower and an upper member (7, 8),

that the lower and upper members (7, 8) can be interconnected and disconnected,

that parts of a flange (17) of the pump means (4) are situated between the lower and upper members (7, 8) when these members are interconnected, such that said parts of the flange (17) define sealing means between the lower and upper members (7, 8) when said members are interconnected, and

that the pump means (4) can be released from the discharge housing (3) by disconnection of the lower and upper members (7, 8).

Claim 9 (Currently Amended): Dispensing device according to claim 8, characterized in that wherein the lower and upper members (7, 8) include portions which define a bayonet mount or coupling (44) permitting interconnection and disconnection of said portions, preferably by rotating one of said members (7, 8) relative to the other member (7, 8).

Claim 10 (Currently Amended): Dispensing device according to any preceding claim, characterized in that claim 1, wherein the dispensing device (1) is designed as a hand pump which can be held in one hand and operated therewith or with two hands for discharge or feedout of substance (2).

Claim 11 (Currently Amended): Dispensing device according to claim 10, characterized in that wherein the dispensing device (1) comprises a handle (34) with a first and a second handle member (35, 36) or similar such that said device (1) can be held in one hand and the pump means (4) operated by effecting the second handle member (36) with one or both hands for dispensing or discharging substance (2) from the dispensing device (1).

Claim 12 (Currently Amended): Dispensing device according to claim 11,
~~characterized in wherein:~~

that the second handle member (36) is pivotally mounted and designed
as a lever with a first and a second shank (39, 40), and

that the first shank (39) can be brought to perform pump motions with
the hand, said pump motions being transferred to the pump means (4) through the
second shank (40).

Claim 13 (Currently Amended): Dispensing device according to claim 12,
~~characterized in that wherein~~ the second shank (40) is designed such that it
can be operated with the other hand for supporting the pump motions being brought
to the first shank (39) by one hand.

Claim 14 (Currently Amended): Dispensing device according to ~~any~~
~~preceding claim, characterized in that claim 1, wherein~~ the dispensing
device (1) comprises a piston means (13) which is provided to bring the pump
means (4) to perform pump motions, said piston means (13) being displaceable
mounted in a sleeve (12) which is located on a dispensing or discharge housing (3)
forming part of the dispensing device (1) and through which the piston means (13)
extends into said housing (3).

Claim 15 (Currently Amended): Dispensing device according to any preceding claim, characterized in that claim 1, wherein at least one sealing means (45) is provided to bring about a sealing between the piston means (13) and the sleeve (12).

Claim 16 (Currently Amended): Dispensing device according to any preceding claim, characterized in claim 1, wherein:

that at least one dispensing or discharge pipe (9) or similar is provided for dispensing or discharging substance (2),

that a third non-return valve (27) is located on the discharge pipe (9),

that the third non-return valve (27) is a hose member (28) which is threaded into or onto said discharge pipe (9) and which has a closed outer end (29),

that the outer end (29) of the hose member (28) can be opened when substance (2) is pressing against said outer end, and

that the outer end (29) of the hose member (28) automatically returns to closed shape when the pressure of substance (2) against it ceases.

Claim 17 (Currently Amended): Dispensing device according to any preceding claim, characterized in that claim 1, wherein the amount of substance (2) which is dispensed or discharged by means of the pump means (4) can be altered by replacing a piston means (13) which is provided to effect the pump means (4) for discharge of the substance (2), with another piston means (13) having another length and/or diameter.

Claim 18 (Currently Amended): Dispensing device according to any preceding claim, characterized in that claim 1, wherein the dispensing device (1) comprises or consists of the following four members which for separate cleaning are disconnectable from each other and then reconnectable, namely namely:

a lower and an upper member (7, 8), forming part of a dispensing or discharge housing (3) and disconnectable from each other,

a pump means (4) with valve bodies (21, 25) for first and second non-return valves (20, 24), said pump means (4) being located between said lower and upper members (7, 8) and disconnectable therefrom, and

a piston means (13) for effecting the pump means (4), said piston means (13) being releasable mounted on said upper member (8).

Claim 19 (Currently Amended): Dispensing device according to any preceding claim, characterized in claim 1, wherein:

that it comprises a dispensing or discharge housing (3) having a lower and an upper member (7, 8) which are interconnectable,

that the lower member (7) is rotatable relative to the upper member (8) about an imaginary geometric centre line (CL),

that the lower member (7) has a dispensing or discharge pipe (9) or similar, through which substance (2) can be dispensed or discharged from the discharge housing (3),

that the discharge pipe (9) is eccentrically located relative to the centre line (CL), and

that the discharge pipe (9) can be set in different rotary positions relative to the centre line (CL) by rotating the lower member (7) relative to the upper member (8).

Claim 20 (Currently Amended): Dispensing device according to ~~any preceding claim, characterized in that claim 1, wherein~~ the dispensing device (1) is connected to a container (5) with substance (2) through a hose (6) or similar and that the pump means (4) is provided to suck substance (2) from the container (5) through the hose (6) into the suction chamber (30).

Claim 21 (Currently Amended): Dispensing device according to claim 20, ~~characterized in that wherein~~ the container (5) is a flexible container, e.g. a plastic bag, which is designed to collapse when substance (2) is sucked out of said container (5).

Claim 22 (Currently Amended): Dispensing device according to ~~any preceding claim, characterized in that claim 1, wherein~~ said substance (2) is mustard, ketchup, mayonnaise, dressing or cooking oil which shall be dispensed or discharged onto one or more locations, e.g. one or more dishes.